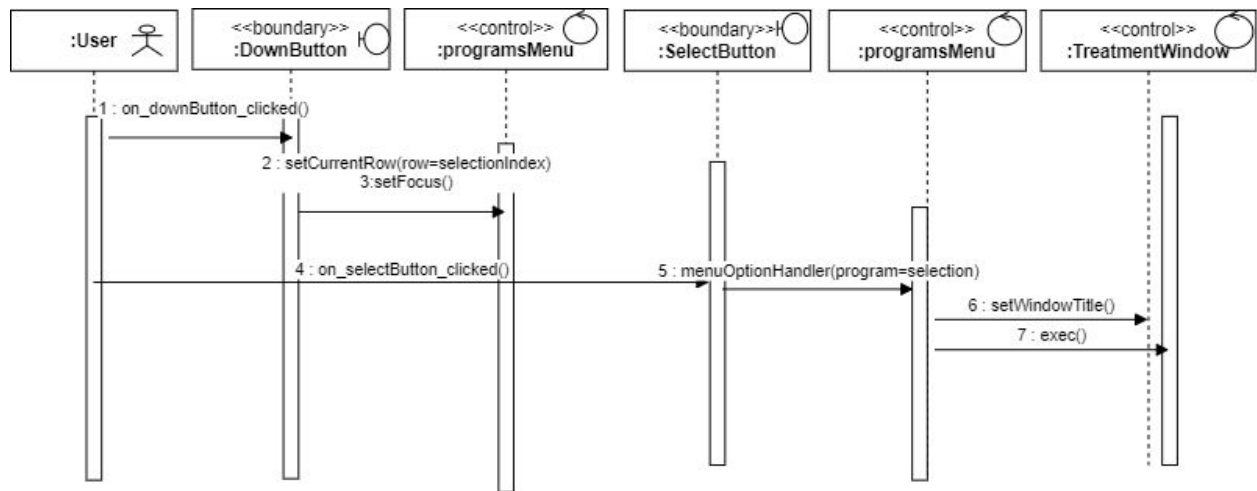
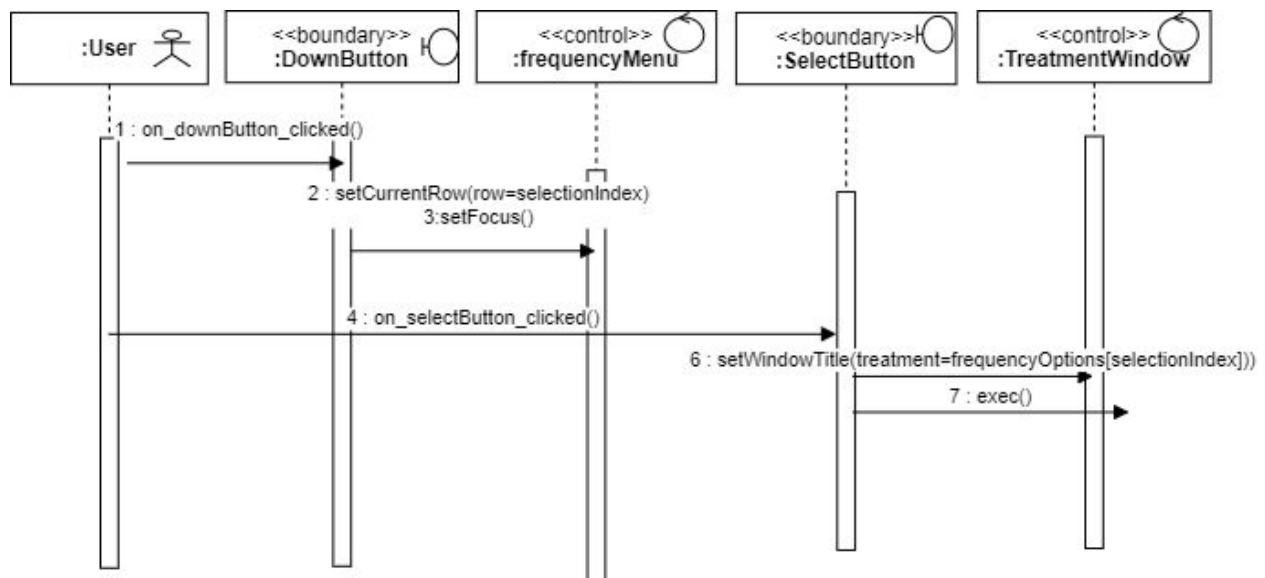


Sequence Diagram for Selecting a Program



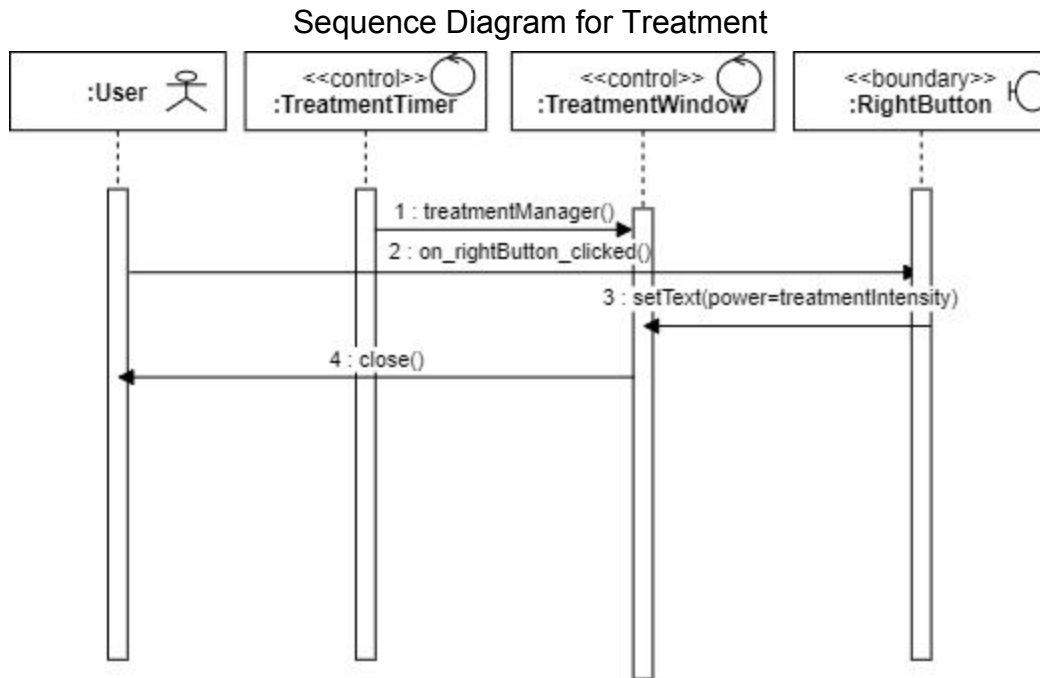
The following sequence diagram shows a User selecting a program from the program menu. The user navigates the menu with the up and down buttons and can enter treatment mode by pressing select. The menuOptionsHandler function is responsible for choosing the correct program for the treatment window.

Sequence Diagram for Selecting a Frequency



The sequence diagram for selecting a frequency is similar to the programs sequence diagram. The boundaries are the same and the only change is the

frequencyMenu control. Instead of using a menuOptionsHandler we can directly set the treatment to the selectionIndex of the frequencyOptions.



The sequence diagram for a user receiving treatment is shown above. The only boundaries the user interacts with are the left and right buttons for controlling the power. When the window is opened, the treatmentManager uses the TreatmentTimer to countdown from 10 minutes then exit.